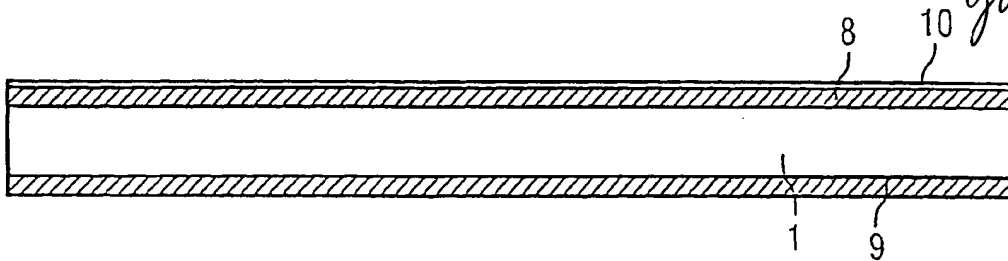
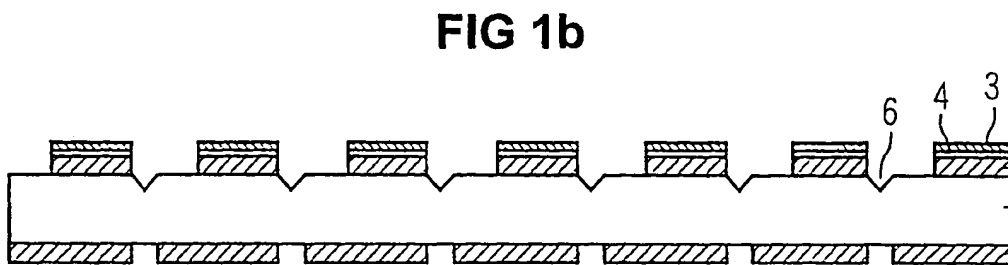


FIG 1a



gold coating

FIG 1b



pads
chip mounting area
ceramic carrier
cooling element
metal surface

FIG 1c

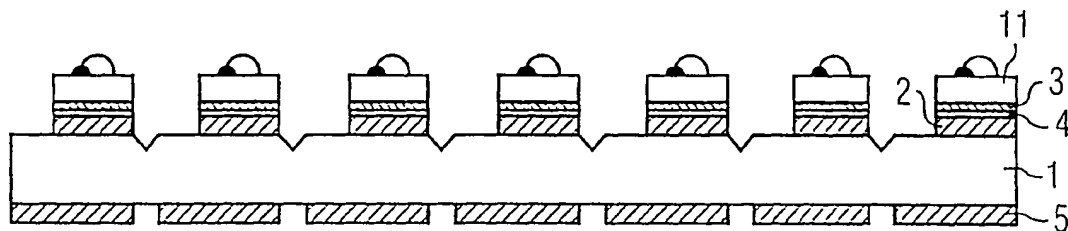
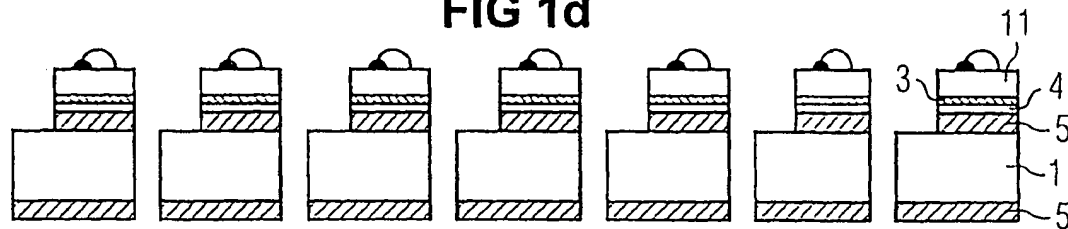


FIG 1d



chip
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62
64
83
85 plate
87 cooling
86 metal

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